

Wastewater Specifications

Contractor will provide the following:

1. Possess a current Tennessee Wastewater Treatment Operation 1 or higher license. A copy of the license shall be submitted at the time of bid submission, as well as, to the park office to be kept on file.
 2. Perform all routine tests, operational evaluations, and monitoring requirements as set forth by the Tennessee Department of Environment and Conservation Division of Water Pollution Control as required by NPDES Permit # TN0074357 at the frequency demanded by the permit and in a manner which satisfies TDEC testing standards. Monitoring requirements include:
 - a. Once weekly (1 day per week) grab samples for effluent CBOD, Ammonia as N, Suspended Solids, and E. coli.
 - b. Once daily (5 days per week) sampling for effluent Total chlorine, Residual chlorine, Settleable solids, Dissolved oxygen, and pH.
 - c. Once daily (5 days per week) report of effluent flow millions of gallons per day (MGD).
- Each bidder is responsible for reviewing the permit and ensuring that they are aware of the requirements and parameters of the permit before placing a bid. A copy of the permit is available to all interested bidders by contacting the Roan Mountain State Park Office at (423)547-3900. The original permit is available for viewing during normal business hours, 8:00 am-4:00 pm, M-F. The contractor will assist in the preparation of the NPDES Permit Application when due for renewal.
3. Provide all laboratory and test analysis at contractor's expense. Contractor may perform own laboratory and test analysis if qualified and equipped to do so, or contractor may hire outside laboratory services for testing and analysis at contractor's expense. Costs for this service shall be included in the bid.
 4. Maintain the required daily and monthly reports and test analysis results. Record test data on the required reports daily as testing is completed or as test results are received from an outside laboratory.
 5. Submit required reports to the Johnson City TDEC Division of Water Pollution Control Office to meet the submission deadline. A copy of all complete reports and any other lab analysis reports shall be submitted to Roan Mountain State Park Office within five business days of submission to TDEC.
 6. Perform operation evaluations necessary to ensure operational integrity of the wastewater treatment system and compliance with all governing rules and regulations, and will notify Park Maintenance staff of any deficiencies in operation. Contractor must be available to meet with regulatory personnel from the Division of Water Pollution Control or other governing agency upon reasonable notice. Costs for this service shall be included in the bid.
 7. Submit invoices to Roan Mountain State Park and Central TDEC Office on a monthly basis for payment.

Roan Mountain State Park will provide the following:

1. Maintenance to grounds around facility and garbage removal.
2. Routine cleaning of filters, screens, etc. and routine preventative maintenance of facility.
3. Assistance with facility maintenance and troubleshooting of deficiencies noted by contractor.
4. Bear the costs of any needed maintenance or facility repairs.
5. Provide chemicals, disinfectants, UV bulbs, and other agents necessary for proper treatment of effluent wastewater. Provide DO meter, pH meter, cones, and other on-site testing equipment as needed.